

From the RECEIVING OFFICE

To:

ROBERT D. ATKINS  
QUARLES & BRADY STREICH LANG, LLP  
ONE RENAISSANCE SQUARE  
TWO NORTH CENTRAL AVENUE  
PHOENIX, ARIZONA 85004

**PCT**

NOTIFICATION CONCERNING PAYMENT  
OF PRESCRIBED FEES

(PCT Rules 14, 15 and 16 and Administrative  
Instructions, Sections 304(a) and (b), 323(b) and 803)

|   |  |   |
|---|--|---|
| Date of mailing<br>(day/month/year)                   |  | 04 Mar 2003                               |
| Applicant's or agent's file reference<br>981045-90011 |  | PAYMENT DUE<br>see item 3 for time limits |
| International application No.<br>PCT/US03/00579       | International filing date/Date of receipt<br>(day/month/year)<br>09 Jan 2003 | Priority date (day/month/year)            |
| Applicant<br>YAMATAKE CORPORATION                     |  |   |

1. The applicant is hereby notified that this receiving Office has received:

- ☒ the payment of all the prescribed fees, and ☐ an overpayment, which will be refunded in due course.  
☐ no or insufficient payment of the prescribed fees and the applicant is hereby invited to pay the balance due, as summarized under item 2, within the time limit(s) indicated under item 3.

2. Fees and payment calculation:

|                    |   |             |   |         |
|--------------------|---|-------------|---|---------|
| 1,841.00           | - | 1,841.00    | = | 0.00    |
| Total fees payable |   | Amount paid |   | Balance |

- ☐ The details of the calculation are given in the Annex.

3. Time limit(s) for payment and amount(s) payable (Rules 14.1, 15.4 and 16.1(f)):

- ☐ within ONE MONTH from the date of receipt of the international application (for the transmittal fee (if any), the search fee, the basic fee and the designation fee). The amount payable for each fee is the amount applicable on the date of receipt of the international application.
- ☐ within ONE YEAR from the priority date (only for the designation fee and only if this time limit expires later than the above time limit).  
 — If the designation fee is paid within one month from the date of receipt of the international application, the amount payable is the amount applicable on that date of receipt.  
 — If the designation fee is paid within one year from the priority date but later than one month from the date of receipt of the international application, the amount payable is the amount applicable on the date of payment. The receiving Office should be consulted for the applicable amount.
- ☐ within 16 MONTHS from the priority date (only for the fee for priority document). The applicant's attention is drawn to the fact that the request made by the applicant under Rule 17.1(b) will be considered not to have been made unless the fee is paid within that time limit.

4. Additional observations (if necessary):

- ☐ The search copy will not be transmitted to the International Searching Authority until the search fee is paid (therefore the start of the international search will be delayed) (Rule 23.1(a) and (b)).

|   |   |
|---|---|
| Name and mailing address of the receiving Office<br>Assistant Commissioner for Patent, Box PCT<br>Washington, D.C. 20231 Attn:RO/US<br>Facsimile No. 703-305-3230 | Authorized officer<br>Nhu Thuy Tran<br>Telephone No. 703-605-1537 |
|---|---|

**ANNEX TO FORM PCT/RO/102  
CALCULATION OF THE PRESCRIBED FEES**

International application No. \_\_\_\_\_  
PCT/US03/00579

**[T] Transmittal Fee**

Prescribed amount: . . . . . 240.00 [T]  
Amount paid: . . . . . - 240.00  
Balance: . . . . . = 0.00

☒ correct amount  
☐ overpayment  
☐ balance due

**[S] Search Fee**

Prescribed amount: . . . . . 700.00 [S]  
Amount paid: . . . . . - 700.00  
Balance: . . . . . = 0.00

☒ correct amount  
☐ overpayment  
☐ balance due

**[I] International Fee**

**[B] Basic Fee**

Fixed amount for first 30 sheets: . . . . . 407.00 [b1]

$\frac{6}{\text{Number of sheets in excess of 30}} \times \frac{9.00}{\text{Fee per sheet}} = 54.00$  [b2]

Additional component: . . . 400  $\times$   $\frac{0.00}{\text{Fee per sheet}} = 0.00$  [b3]

Prescribed amount (b1 + b2 + b3) = 461.00 [B]

**[D] Designation Fee**

Amount of designation fee: . . . . . 88.00

Number of designation fees payable (maximum 5): . . . . . 5

Prescribed amount = 440.00 [D]

**[R] Reduction where PCT-EASY software is used**  
(See the PCT Applicant's Guide, Volume I, General Part, for details on the availability of this reduction): . . . . .

0 [R]

Sub-total (B+D-R): . . . . . = 901.00 [B+D-R]

Prescribed total amount (The amount to be entered at I is the sub-total entered at (B+D-R), except where the applicant is (or all applicants are) entitled to a reduction of 75%, in which case the amount to be entered at I is 25% of the sub-total (B+D-R); certain applicants from certain States are entitled to a reduction of 75% of the international fee; see Notes to the Fee Calculation Sheet as annexed to the Request Form, PCT/RO/101, for details): . . . . .

901.00 [I]

Amount paid: . . . . . - 901.00  
Balance: . . . . . = 0.00

☒ correct amount  
☐ overpayment  
☐ balance due

**[P] Fee for priority document**

Prescribed amount: . . . . . 0.00 [P]  
Amount paid: . . . . . - 0.00  
Balance: . . . . . = 0.00

☒ correct amount  
☐ overpayment  
☐ balance due

Additional observations (if necessary):

- ☐ The amount paid for the designation fee covers the following designations: \_\_\_\_\_  
☐ Other (specify): \_\_\_\_\_

# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

## PCT

NOTIFICATION OF THE INTERNATIONAL  
APPLICATION NUMBER AND OF THE  
INTERNATIONAL FILING DATE

(PCT Rule 20.5(c))

To:  
ROBERT D. ATKINS  
QUARLES & BRADY STREICH LANG, LLP  
ONE RENAISSANCE SQUARE  
TWO NORTH CENTRAL AVENUE  
PHOENIX, ARIZONA 85004

|                                     |             |
|-------------------------------------|-------------|
| Date of mailing<br>(day/month/year) | 04 Mar 2003 |
|-------------------------------------|-------------|

|   |                               |
|---|-------------------------------|
| Applicant's or agent's file reference<br>981045-90011 | <b>IMPORTANT NOTIFICATION</b> |
|---|-------------------------------|

|   |   |                                |
|---|---|--------------------------------|
| International application No.<br>PCT/US03/00579 | International filing date (day/month/year)<br>09 Jan 2003 | Priority date (day/month/year) |
|---|---|--------------------------------|

|                                       |
|---------------------------------------|
| Applicant<br><br>YAMATAKE CORPORATION |
|---------------------------------------|

|  |
|--|
| Title of the invention<br>APPARATUS AND METHOD OF EXPOSING LIGHT TO A SEMICONDUCTOR DEVICE HAVING A CURVED SURFACE |
|--|

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.

2. The applicant is further notified that the record copy of the international application:

- ☒ was transmitted to the International Bureau on 04 Mar 2003
- ☐ has not yet been transmitted to the International Bureau for the reason indicated below and a copy of this notification has been sent to the International Bureau\*:
- ☐ because the necessary national security clearance has not yet been obtained.
- ☐ because (reason to be specified):

\* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

3. FOREIGN TRANSMITTAL LICENSE INFORMATION

Completed by: NT

- ☐ Additional license for foreign transmittal not required. This subject matter is covered by a license already granted or the equivalent U.S. national application. Refer to that license for information concerning its scope.
- ☐ License for foreign transmittal not required. 37 CFR. 5.11(e)(1) or 37 CFR 5.11(e)(2). However, a license may be required for additional subject matter. See 37 CFR 5.15(b).
- ☒ Foreign transmittal license granted. 35 U.S.C. 184; 37 CFR 5.11 on 27 Feb 2003 :  
(date)
- ☒ 37 CFR 5.15(a) ☐ 37 CFR 5.15(b)

|   |                                     |
|---|-------------------------------------|
| Name and mailing address of the receiving Office<br>Assistant Commissioner for Patent, Box PCT<br>Washington, D.C. 20231 Attn:RO/US | Authorized officer<br>Nhu Thuy Tran |
|---|-------------------------------------|

Facsimile No. 703-305-3230

Telephone No. 703-605-1537

# PATENT COOPERATION TREATY

From the RECEIVING OFFICE

## PCT

To:

ROBERT D. ATKINS  
QUARLES & BRADY STREICH LANG, LLP  
ONE RENAISSANCE SQUARE  
TWO NORTH CENTRAL AVENUE  
PHOENIX, ARIZONA 85004

### INVITATION TO CORRECT DEFECTS IN THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 26)

|   |   |
|---|---|
| Applicant's or agent's file reference<br><p style="text-align: center;">981045-90011</p>            | Date of mailing<br><i>(day/month/year)</i> <p style="text-align: center;">04 Mar 2003</p> |
| International application No.<br><p style="text-align: center;">PCT/US03/00579</p>                  | REPLY DUE within <u>1</u> months / days<br>from the above date of mailing                 |
| International filing date<br><i>(day/month/year)</i> <p style="text-align: center;">09 Jan 2003</p> |   |
| Applicant<br><p style="text-align: center;">YAMATAKE CORPORATION</p>                                |   |

1. The applicant is hereby invited, within the time limit indicated above, to correct the defects in the international application as filed, the defects specified on the attached

- ☒ Annex A  
☐ Annex B1 (*text matter of the international application as filed*)  
☐ Annex C1 (*drawings of the international application as filed*)

2. The applicant is hereby invited, within the time limit indicated above, to correct the defects in the translation of the international application furnished under Rule 12.3, the defects specified on the attached

- ☐ Annex A  
☐ Annex B2 (*text matter of the translation of the international application*)  
☐ Annex C2 (*drawings of the translation of the international application*)

Additional observations (if necessary):

#### HOW TO CORRECT THE DEFECTS?

Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. A correction may be stated in a letter only if it is of such a nature that it can be transferred from the letter to the record copy without adversely affecting the clarity and direct reproducibility of the sheet onto which the correction is to be transferred (Rule 26.4(a)).

#### ATTENTION

Failure to correct the defects will result in the international application being considered withdrawn by this receiving Office (see Rule 26.5 for further details).

A copy of this invitation and any attachments has been sent to the International Bureau

☒ and the International Searching Authority.

|   |   |
|---|---|
| Name and mailing address of the receiving Office<br>Assistant Commissioner for Patent, Box PCT<br>Washington, D.C. 20231 Attn:RO/US<br><br>Facsimile No. 703-305-3230 | Authorized officer<br><p style="text-align: center;">Nhu Thuy Tran</p> Telephone No. 703-605-1537 |
|---|---|

The receiving Office has found the following defects in the international application as filed:

1. As to **signature\*** of the international application (Rules 4.15 and 90.4), the request:
- a. ☐ is not signed.
  - b. ☐ is not signed by all applicants.
  - c. ☐ is not accompanied by the statement referred to in the check list in Box No. VIII of the request explaining the lack of the signature of an applicant for the designation of the United States of America.
  - d. ☒ is signed by what appears to be an agent/common representative but
    - ☒ the international application is not accompanied by a power of attorney appointing him.
    - ☐ the power of attorney accompanying the international application was not signed by all the applicants.
  - e. ☒ other (*specify*):  
The power of attorney for YAMATAKE CORPORATION is required. Also please clarify the extra power of attorney for SATOH, Ichitaro. SATOH is not listed as applicant/inventor on the request.

\* All applicants must sign, including inventors if they are also applicants (e.g. where the United States of America is designated).

2. As to indications concerning the **applicant**, the request (Rules 4.4 and 4.5):

- a. ☐ does not properly indicate the applicant's name (*specify*):
- b. ☐ does not indicate the applicant's address.
- c. ☐ does not properly indicate the applicant's address (*specify*):
- d. ☐ does not indicate the applicant's nationality.
- e. ☐ does not indicate the applicant's residence.
- f. ☐ other (*specify*):

3. As to the **language** of certain elements of the international application, other than the description and claims ( Rules 12.1(c) and 26.3ter(a) and (c)):

- a. ☐ the **request** is not in a language which is both a language accepted by this receiving Office and a language of publication, which is (are):
- b. ☐ the **text matter of the drawings** is not in the language in which the international application is to be published, which is:
- c. ☐ the **abstract** is not in the language in which the international application is to be published, which is:

4. The **title** of the invention:

- a. ☐ is not indicated in Box No. I of the request (Rule 4.1(a)).
- b. ☒ is not indicated at the top of the first sheet of the description (Rule 5.1(a)). (page 1 of specification)
- c. ☐ as appearing in Box No. I of the request is not identical with the title heading the description (Rule 5.1(a)).

5. As to the **abstract** (Rule 8):

- ☐ the international application does not contain an abstract.

# PATE COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

NOTIFICATION OF RECEIPT  
OF SEARCH COPY

(PCT Rule 25.1)

To:

ROBERT D. ATKINS  
QUARLES & BRADY STREICH LANG, LLP  
ONE RENAISSANCE SQUARE  
TWO NORTH CENTRAL AVENUE  
PHOENIX, ARIZONA 85004

Date of mailing  
(day/month/year)

04 Mar 2003

Applicant's or agent's file reference

981045-90011

**IMPORTANT NOTIFICATION**

International application No.

PCT/US03/00579

International filing date (day/month/year)

09 Jan 2003

Priority date (day/month/year)

Applicant

YAMATAKE CORPORATION

**1. Where the International Searching Authority and the receiving Office are not the same Office:**

The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

**Where the International Searching Authority and the receiving Office are the same Office:**

The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

04 Mar 2003

(date of receipt).

2. ☐ The search copy was accompanied by a nucleotide and/or amino acid sequence listing in computer readable form.

**3. Time limit for establishment of international search report**

The applicant is informed that the time limit for establishing the international search report is 3 months from the date of receipt indicated above or 9 months from the priority date, whichever time limit expires later.

4. A copy of this notification has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the receiving Office.

Name and mailing address of the ISA/

Assistant Commissioner for Patent, Box PCT  
Washington, D.C. 20231 Attn: RO/US

Facsimile No. 703-305-3230

Authorized officer

Nhu Thuy Tran

Telephone No. 703-605-1537

|   |  |
|---|--|
| <b>TO:</b><br>ROBERT D. ATKINS<br>QUARLES & BRADY STREICH LANG, LLP<br>ONE RENAISSANCE SQUARE<br>TWO NORTH CENTRAL AVENUE<br>PHOENIX, ARIZONA 85004 | UNITED STATES DESIGNATED ELECTED OFFICE<br>(DO/EO/US)                          |
|   | <b>NOTIFICATION OF STATUS OF<br/>         REQUIREMENTS UNDER 35 U.S.C. 371</b> |
|   | DATE OF MAILING<br>(day/month/year) 04 Mar 2003                                |
| FILE REFERENCE<br>981045-90011  |  |

| IDENTIFICATION OF INTERNATIONAL APPLICATION     |  |                       |
|---|--|-----------------------|
| International application No.<br>PCT/US03/00579 | International filing date<br>(day/month/year)<br>09 Jan 2003 | Priority Date Claimed |
| Applicant for DO/EO/US<br>NISHIMOTO, IKUO       |  |                       |

**NOTIFICATION**

The applicant is hereby advised that the U.S. Patent and Trademark Office in its capacity as ☒ Designated Office ☐ Elected Office has received following items as of the date of mailing indicated above.

1. ☐ U.S. Nation fee [35 U.S.C 371 (c) (1)]
  2. ☐ Oath of declaration [35 U.S.C 371 (c) (4)]
  3. ☒ Copy of International application as [35 U.S.C 371 (c) (2)]
  4. ☐ Translation of Application [35 U.S.C 371 (c) (2)]
  5. ☐ Amendments under PCT Article 19 [35 U.S.C 371 (c) (3)]
  6. ☐ Translation of PCT Article 19 Amendments [35 U.S.C 371 (c) (3)]
  7. ☐ Search Report or Declaration under PCT Article 17(2) [35 U.S.C 371 (a)]
  8. ☐ International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3)(b) [35 U.S.C 371 (a)]
  9. ☐ Translation of Annexes to the International Preliminary Examination Report under PCT Article 36(3)(b) [35 U.S.C 371 (c) (5)]
  10. ☐ Other items received:
 

|  |  |  |
|--|--|--|
| <input type="checkbox"/> Assignment Document | <input type="checkbox"/> Prior Art Statement | <input type="checkbox"/> Preliminary Amendment |
|--|--|--|
- A. ☐ Requirements for U.S. National processing have been met. Processing will commence
- ☐ at the expiration of the applicable time limit under either  
☐ PCT Article 22 [35 U.S.C 371 (b)] or  
☐ PCT Article 39 [35 U.S.C 371 (b)]  
☐ on the date indicated below under the provisions of 35 U.S.C 371 (f)

U.S. NATIONAL SERIAL#

DATE UNDER 35 U.S.C. 102(e)

DATE OF COMMENCEMENT  
OF NATIONAL PROCESSING

*All correspondence submitted after the date of commencement of U.S. National processing indicated above should refer to the U.S. National Serial Number and the appropriate U.S. National processing organization of Officer.*

- B. ☐ As the above identified application has been accepted for U.S. National processing under the provision of 35 U.S.C. 371 (f) before expiration of the applicable time limit under ☐ PCT Article 22 ☐ PCT Article 39, applicant is reminded that
- ☐ Amendments under PCT Article 19 and/or  
☐ the International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3) (a), and (b) and any translation thereof, if applicable, must be submitted to the Patent and Trademark Office as soon as they are available.

|   |  |  |
|---|--|--|
| International application No.<br>PCT/US03/00579 | International filing date<br>09 Jan 2003 | Priority <input checked="" type="checkbox"/> Claimed |
|---|--|--|

C. ☒ In order that U.S. National processing may begin, certain items must be received by the DO/EO/US by the expiration of applicable time limit under

☒ PCT Article 22 or

☒ PCT Article 39.

Specifically:

☒ 1. U.S. National Fee

☒ 2. Oath or Declaration

☐ 3. Copy of Application

☐ 4. Translation of application

☒ 5. Amendments under PCT Article 19, if any

☐ 6. Translation of PCT Article 19 Amendments, if applicable

☐ 7. Search Report or PCT Article 17(2) declaration

☐ 8. International Preliminary Examination Report and its Annexes, if any, under PCT Article 36(3)(a), if applicable

☐ 9. Translation of Annexes to the International Preliminary Examination Report under PCT Article 36(3)(b), if applicable

**THE ABOVE CHECK ITEMS MUST BE TIMELY RECEIVED TO AVOID ABANDONMENT OF THE APPLICATION.**  
[35. U.S.C. 371(d)]

D. Further information for the applicant:

**This is only a reminder.**

|  |   |
|--|---|
| UNITED STATES DESIGNATED/ELECTED OFFICE  |   |
| Address Only:<br>Assistant Commissioner for Patent, Box PCT<br>Washington, D.C. 20231 Attn:RO/US | Authorized Officer<br>Nhu Thuy Tran<br>703-605-1537 |